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| Form PTO-1449 (Modified)  INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)  ACOUSTIC LOGGING APPARATUS AND METHOD |            |                       |                    |                     |              | Atty. Docket No.<br>1391-26800     |               | Serial No.                                       |  |
|  |            |                       |                    |                     |              | Applicant Joakim O. Blanch, et al. |               |  |  |
|  |            |                       |                    |                     |              | Filing Date<br>Herewith            |               | Group 📆  |  |
| REFERENCE DE   | ESIGNATIO  | N U.S. PATENT DO      | CUMENTS            |                     |              |                                    |               |  |  |
| EXAMINER<br>INITIAL  |            | DOCUMENT<br>NUMBER    | DATE               | NAME                |              | CLASS                              | SUB-<br>CLASS | FILING DATE<br>APPROPRIAT                        |  |
|  | AA         | Re 31,222             | 04/26/83           | McCracken           |              | 364                                | 571           | 12/23/77   |  |
|  | AB         | 4,367,541             | 01/04/83           | Seeman              |              | 367                                | 34            | 12/06/79   |  |
|  | AC         | 4,594,691             | 06/10/86           | Kimball et al.      |              | 367                                | 32            | 03/27/84   |  |
|  | AD         | 4,718,027             | 01/05/88           | Richardson et al.   |              | 364                                | 554           | 10/28/85   |  |
|  | AE         | 5,081,611             | 01/14/92           | Hornby              |              | 367                                | 25            | 03/06/91   |  |
|  | AF         | 5,541,890             | 07/30/96           | Tang                |              | 367                                | 34            | 05/10/95   |  |
|  | AG         | 5,661,696             | 08/26/97           | Kimball et al.      |              | 367                                | 31            | 08/11/95   |  |
|  | AH         | 5,712,829             | 01/27/98           | Tang et al.         |              | 367                                | 75            | 08/14/96   |  |
|  | Ai         | 5,740,124             | 04/14/98           | Chunduru et al.     |              | 367                                | 73            | 11/19/96   |  |
|  | AJ         | 5,960,369             | 09/28/99           | Samaroo             |              | 702                                | 6             | 10/23/97   |  |
|  | AK         | 6,012,015             | 01/04/00           | Tubel               |              | 702                                | 6             | 09/18/97   |  |
|  | AL         | 6,061,633             | 05/09/00           | Fukuhara et al.     |              | 702                                | 6             | 01/31/97   |  |
| V  | AM         | 6,088,294             | 07/11/00           | Leggett, III et al. |              | 367                                | 25            | 01/24/97   |  |
| OREIGN PATE  | ENT DOCU   | MENTS                 | -                  |                     |              |                                    |               |  |  |
|  |            | DOCUMENT<br>NUMBER    | DATE               | COUNTRY             |              | CLASS                              | SUB-<br>CLASS | Translation                                      |  |
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| EXAMINER   |            | NELSON MC             | SKOWITZ<br>XAMINER |                     | DATE CONSIDE | RED                                | 11/0          | 3  |  |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.